

a1
cont. No. 6,248,954 B1, entitled, "Multi-Pair Data Cable with Configurable Core Filling and Pair Separation," filed February 25, 1999, which is hereby incorporated by reference in its entirety.

In the Claims

Please cancel ~~claims~~ 24, 25 and 28 without prejudice or disclaimer.

Please rewrite the claims as follows.

Applicants present the claims as amended below and enclose a separate sheet indicating the amendments to the claims with bracketing and underlining.

- a2*
1. (Amended) A data communications cable comprising:
- a first twisted pair of insulated conductors;
 - a second twisted pair of insulated conductors;
 - a dielectric pair separator consisting of a dielectric layer disposed between the first twisted pair and the second twisted pair of insulated conductors, the dielectric pair separator being folded and arranged to provide a plurality of grooves extending along a longitudinal length of the dielectric pair separator, the dielectric pair separator providing a sufficient spacing between the first twisted pair of insulated conductors and the second twisted pair of insulated conductors so as to provide a desired crosstalk isolation between the first twisted pair of insulated conductors and the second twisted pair of insulated conductors;
 - a jacket assembly enclosing the first twisted pair of insulated conductors, the second twisted pair of insulated conductors and the dielectric pair separator; and
 - wherein the plurality of grooves do not form completely enclosed channels.

- a3*
5. (Amended) The data communications cable according to claim 1, wherein the dielectric pair separator is a foamed fluorinated ethylene propylene material.

- a4*
10. (Amended) A data communications cable comprising:
- a plurality of twisted pairs of insulated conductors,
 - a dielectric pair separator consisting of a dielectric layer formed with a plurality of folds to provide a plurality of grooves extending along a longitudinal length of the dielectric pair separator;